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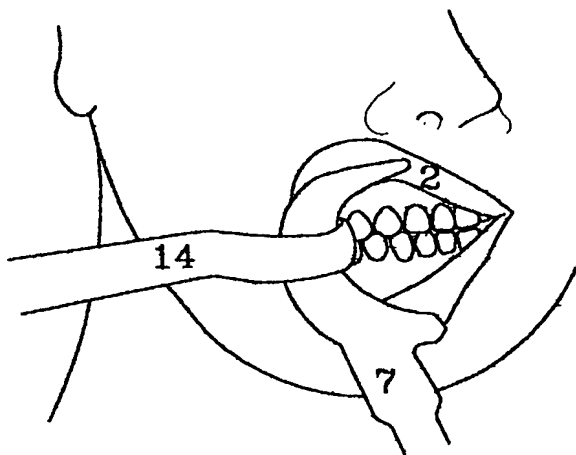
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(54) Title: **ANATOMICAL MINI-ILLUMINATOR FOR LINGUAL CAVITY**



(57) **Abstract:** Apparatus for the illumination of the vestibular/lingual cavity, having a symmetric couple of retractors (A, B) for the oral cavity. A set of point-like light sources are distributed on each retractor, said light sources corresponding to respective terminations - on the external surface of the retractor - of an optical fibre which is inclined by a specific angle with respect to the ideal plane of the closed set of teeth. In this manner it is possible to obtain a complete, uniform, and close illumination of the lingual and vestibular sides of each tooth. The couple of retractors is arranged on a support structure having an Y-configuration, which at the same time forms: i- the inlet element for the lower extremity of the optical fibres, the latter branching off on the first retractor (A) and the second retractor (B); ii- the regulation device used for adjusting the initial (normal) aperture of the retractor, the adjustment being performed by coupling the retractor to a semi-rigid small bow selected from an available set according to the typology of oral cavity on which the operation is performed and according to the type of operation.

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